



Online supplemental table 2: Non-transmitting pedigrees of the rare 425V variant, OCD phenotypes, and neuropsychiatric comorbidities

Pedigree	1808		2113		2947									
Generation	P		F1		P		F1		P		F1		F2	
Parent ID (females in black box)	3	4	1	2	69	54	1	19	85	68	46	44	9	16
OCD affected sib pair	+		+	+	+		+	+	+	+	+	+	+	+
425V status <sup>1</sup>	+		-	-	+		-	-	-	-	-	-	-	-
LPR-rs25531 haplotype	S/L <sub>A</sub>	S/S	S/S	S/S	L <sub>G</sub> /L <sub>A</sub>	L <sub>G</sub> /S	L <sub>G</sub> /L <sub>G</sub>	L <sub>G</sub> /L <sub>G</sub>	S/L <sub>A</sub>	L <sub>G</sub> /S	L <sub>A</sub> /S	S/S	L <sub>G</sub> /S	
OCD Dx	+		+	+	+		+	+	+	+	+	+	(+) <sup>3</sup>	2/8
OCPD Dx (criteria met <sup>2</sup> )	+				4/8		3/8							
OCD age of sx onset	10	29	6	28	11	14	5	18	18	21	5	21	5	27
YBOCS														
Obsessions	aggression						+		+		+		+	
Compulsions	contamination						+		+		+		+	
	hoarding						+		+		+		+	
	religious						+		+		+		+	
	symmetry						+		+		+		+	
	NOS						+		+		+		+	
	cleaning						+		+		+		+	
	checking						+		+		+		+	
	repeating						+		+		+		+	
	counting						+		+		+		+	
	ordering						+		+		+		+	
DSM NOS	hoarding						+		+		+		+	
	ADHD						+		+		+		+	
	Tourette's DSMIIIR/IV						+		+		+		(+)	
	Asperger's						(+)		+		+		(+)	
	MDD						+		+		+		?	
	Recurrent MDD						+		+		+		+	
	Dysthymia						+		+		A		A	
	Skin picking						(+)		+		+		+	
	EtOH Dep (D)/Abuse (A)						(D), (A)		D		+		+	
	Substance Dep (D)/Abuse (A)						(D), A		D		+		+	
DSM NOS	Hypochondriasis						+		+		+		+	
	BDD						+		+		+		+	
	Social Phobia						+		+		+		+	
	Specific phobia						+		+		+		+	
	GAD						+		+		+		+	
	Dependant PD						4/8		5/8		2/8		2/8	
	Avoidant PD						2/8		2/8		7/8		1/8	
	NEO measures <sup>4</sup>						N, LC		N, LC		N, O		A	
													3/8	

<sup>1</sup>Red highlight indicates 425V carrier status; yellow highlight indicates OCD status; and orange highlight indicates OCPD status.

<sup>2</sup>Fractions indicate number of DSM-IV diagnostic criteria met.

<sup>3</sup>Parenthesis indicates probable diagnosis.

<sup>4</sup>Neo measure abbreviations: N=neuroticism, LC=low conscientiousness, E=extroversion, O=openness, A=agreeableness.